

Supplemental Material

Table 1. List of Studies Reviewed and Pesticides Examined

Reference ^a	Cancer Type	Follow-up Period (Duration in years)	Pesticide(s) Examined	Median (Range) Number of Exposed Cases ^b
<i>Chemical Specific Analysis</i>				
Lee et al. 2004b	<i>Various Cancers</i>	Enrollment through 2000 (Mean 5.5)	Alachlor	9 (2 to 26)
Rusiecki et al. 2004	<i>Various Cancers</i>	Enrollment through 2001 (Mean 6.5)	Atrazine	11 (1 to 134)
Bonner et al. 2005	<i>Various Cancers</i>	Enrollment through 2001 (Mean 6.4)	Carbofuran	7 (4 to 17)
Greenburg et al. 2008	<i>Various Cancers</i>	Enrollment through 2004 (Mean 9.1)	Captan	5 (5 to 34)
Mahajan et al. 2007	<i>Various Cancers</i>	Enrollment through 2003 (Mean 8.2)	Carbaryl	8 (4 to 86)
Mozzachio et al. 2008	<i>Various Cancers</i>	Enrollment through 2004 (Mean 9.2)	Chlorothalonil	10 (8 to 23)
Lee et al. 2004a	<i>Various Cancers</i>	Enrollment through 2001 (Mean 6.4)	Chlorpyrifos	9 (2 to 25)
Lynch et al. 2006	<i>Various Cancers</i>	Enrollment through 2002 (Mean 7.5)	Cyanazine	14 (9 to 85)
Beane Freeman et al. 2005	<i>Various Cancers</i>	Enrollment through 2002 (Mean 7.4)	Diazinon	6 (2 to 31)
Samanic et al. 2006	<i>Various Cancers</i>	Enrollment through 2002 (Mean 7.3)	Dicamba	11 (4 to 67)
Koutros et al. 2008	<i>Various Cancers</i>	Enrollment through 2004 (Median 9.7)	Dichlorvos	10 (6 to 37)
Van Bommel et al. 2008	<i>Various Cancers</i>	Enrollment through 2004 (Mean 9.2)	EPTC	12 (5 to 82)
Mahajan et al. 2006a	<i>Various Cancers</i>	Enrollment through 2002 (Mean 7.5)	Fonofos	11 (6 to 55)
De Roos et al. 2005a	<i>Various Cancers</i>	Enrollment through 2001 (Mean 6.7)	Glyphosate	14 (3 to 174)
Koutros et al. 2009	<i>Various Cancers</i>	Enrollment through 2004 (Mean 9.2)	Imazethapyr	10 (7 to 59)

Table 1(continued). List of Studies Reviewed and Pesticides Examined

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<i>Chemical-Specific Analysis</i>				
Bonner et al. 2007	<i>Various Cancers</i>	Enrollment through 2002 (Mean 7.5)	Malathion	14 (5 to 88)
Rusiecki et al. 2006	<i>Various Cancers</i>	Enrollment through 2002 (Mean 7.3)	Metolachlor	12 (6 to 44)
Hou et al. 2006	<i>Various Cancers</i>	Enrollment through 2002 (Mean 7.5)	Pendimethalin	9 (5 to 22)
Rusiecki et al. 2009	<i>Various Cancers</i>	Enrollment through 2004 (Mean 9.1)	Permethrin	9 (2 to 50)
Mahajan et al. 2006b	<i>Various Cancers</i>	Enrollment through 2002 (Mean 7.5)	Phorate	9 (4 to 16)
Kang et al. 2008	<i>Various Cancers</i>	Enrollment through 2002 (Mean 7.4)	Trifluralin	7 (3 to 74)
Flower et al. 2004	<i>Various Childhood Cancers</i>	Cases were identified between 1975-1998	Alachlor, aldrin, atrazine, chlorpyrifos, cyanazine, 2,4-D, dichlorvos, dicamba, ethyl dipropylthiocarbamate, glyphosphate, malathion, metolachlor, metribuzin, phorate, trifluralin, terbufos.	7* (5 to 23)
Purdue et al. 2006	<i>Various Cancers</i>	Enrollment through 2002 (Mean 7.3)	Aldrin, chlordane, dieldrin, heptachlor, lindane, toxaphene	7 (5 to 13)
<i>Cancer-Specific Analysis</i>				
Alavanja et al. 2004	<i>Lung Cancer</i>	Enrollment through 2001 (Mean 6.2)	Carbofuran, chlorpyrifos, diazinon, dicamba, dieldrin, metolachlor, pendimethalin	7 (3 to 11)
Andreotti et al. 2009	<i>Pancreatic Cancer</i>	Enrollment through 2004 (Mean 9 years)	Alachlor, atrazine, 2,4-D, dicamba, EPTC, chlorpyrifos, cyanazine, glyphosate, imazethapyr, metolachlor, pendimethalin, trifluralin, terbufos	9 (5 to 24)
Lee et al. 2007a	<i>Colorectal Cancer</i>	Enrollment through 2002 (Mean 7.3)	Chlorpyrifos, aldicarb, 2,4-D, carbaryl, chlordane, fonofos, pendimethalin, permethrin, toxaphene	6 (1 to 21)

Table 1(continued). List of Studies Reviewed and Pesticides Examined

Reference ^a	Cancer Type	Follow-up Period (Duration in years)	Pesticide(s) Examined	Median (Range) Number of Exposed Cases ^b
<i>Cancer-Specific Analysis</i>				
Alavanja et al. 2003	<i>Prostate Cancer</i>	Enrollment through 1999 (Mean 4.3)	Alachlor, aldrin, aldicarb, atrazine, butylate, carbofuran, captan, chlorpyrifos, coumaphos, DDT, dicamba, EPTC, fonofos, permethrin, phorate, heptachlor, methyl bromide, terbufos, 2,2- dichloroethenyl dimethylphosphate	8 (1 to 28)
Engel et al. 2005	<i>Breast Cancer</i>	Enrollment through 2000 (Mean 4.8)	Aldicarb, aldrin, carbaryl, carbofuran, chlordane, chlorpyrifos, coumaphos, DDT, diazinon, dichlorvos, dieldrin, fonofos, heptachlor, lindane, malathion, parathion, permethrin, phorate, terbufos, toxaphene, alachlor, atrazine, butylate, chlorimuron ethyl, cyanazine, dicamba, EPTC, glyphosate, imazethapyr, metolachlor, metribuzin, paraquat, pendimethalin, petroleum oil, trifluralin, 2,4-D, 2,4,5-T, 2,4,5-TP, benomyl, captan, chlorothalonil, maneb, metalaxyl, carbon tetrachloride, carbon disulfide, ethylene dibromide, methyl bromide	7* (3 to 95)

All studies enrolled participants between 1993 and 1997 with the exception of Flower et al. (2004).

^a All studies adjusted for a number of potential confounding factors but none adjusted for multiple comparisons.

^b Median and range values reflect the number of cases in the highest categories of exposure (by lifetime days or intensity-weighted lifetime days) for specific cancer types examined in each study. Numbers of cases for all cancers combined are not included. Numbers of cases in ever/never exposure analysis are also not included unless this was the only analysis conducted (indicated by an asterisk).

^c Between 1993 and 1997.